



NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-JCP-W.O-17-2014-15

Date: 02.02.2015

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer, Rajarajeshwarinagar Division, BBMP, Bangalore.**
Agency : **M/s J C Prakash Infrastructure Pvt. Ltd., Bangalore.**
Name of the work : **Construction of Bridge over Strom Water Drain at 12th main Road, Muthyala Nagar in JP Park Ward No.17**
Location : **Approach Slab**
Sample ID : **Cement Concrete**
Size of cubes : **150mmx150mmx150mm**
Cross Sectional Area : **22500 mm²**
Technical Reference : **IS: 516-1959 (Reaffirmed 2008)**
Grade of Concrete : **M₃₀**
Compressive Strength as on : **28th day**

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	05.01.2015	02.02.2015	8.211	726.5	32.29
2	05.01.2015	02.02.2015	8.269	741.2	32.94
3	05.01.2015	02.02.2015	8.254	739.6	32.87

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 90 days from the date of testing.

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Job No.: CECTC-JCP-W.O-17-2014-15

Date: 07.04.2014

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer**, Rajarajeshwarinagar Division, BBMP, Bangalore.
Agency : **M/s J C Prakash Infrastructure Pvt. Ltd.**, Bangalore.
Name of the work : Construction of Bridge over Strom Water Drain at 12th Main Road, Muthyala Nagar in JP Park Ward No.17
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	10.03.2014	07.04.2014	8.125	412.3	18.32
2	10.03.2014	07.04.2014	8.163	426.5	18.96
3	10.03.2014	07.04.2014	8.154	410.2	18.23

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Job No.: CECTC-JCP-W.O-17-2014-15

Date: 03.09.2014

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer, Rajarajeshwarinagar Division, BBMP, Bangalore.**
Agency : **M/s J C Prakash Infrastructure Pvt. Ltd., Bangalore.**
Name of the work : **Construction of Bridge over Strom Water Drain at 12th Main Road Muthyala Nagar in JP Park Ward No.17**
Location : **Super structure**
Sample ID : **Cement Concrete**
Size of cubes : **150mmx150mmx150mm**
Cross Sectional Area : **22500 mm²**
Technical Reference : **IS: 516-1959 (Reaffirmed 2008)**
Grade of Concrete : **M₃₅**
Compressive Strength as on : **28th day**

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.08.2014	03.09.2014	8.310	852.6	37.89
2	06.08.2014	03.09.2014	8.298	869.8	38.66
3	06.08.2014	03.09.2014	8.278	871.2	38.72

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Job No.: CECTC-JCP-W.O-17-2014-15

Date: 01.08.2014

TEST REPORT ON CONCRETE CUBES

Client : Executive Engineer, Rajarajeshwarinagar Division, BBMP, Bangalore.
Agency : M/s J C Prakash Infrastructure Pvt. Ltd., Bangalore.
Name of the work : Construction of Bridge over Strom Water Drain at 12th Main Road Muthyala Nagar in JP Park Ward No.17
Location : Super Structure
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₃₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.07.2014	01.08.2014	8.233	859.6	38.20
2	04.07.2014	01.08.2014	8.254	863.2	38.36
3	04.07.2014	01.08.2014	8.211	851.4	37.84

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Job No.: CECTC-JCP-W.O-17-2014-15

Date: 26.06.2014

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer, Rajarajeshwarinagar Division, BBMP, Bangalore.**
Agency : **M/s J C Prakash Infrastructure Pvt. Ltd., Bangalore.**
Name of the work : **Construction of Bridge over Strom Water Drain at 12th Main Road Muthyala Nagar in JP Park Ward No.17**
Location : **Open Foundation**
Sample ID : **Cement Concrete**
Size of cubes : **150mmx150mmx150mm**
Cross Sectional Area : **22500 mm²**
Technical Reference : **IS: 516-1959 (Reaffirmed 2008)**
Grade of Concrete : **M₃₅**
Compressive Strength as on : **28th day**

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.05.2014	26.06.2014	8.255	850.2	37.79
2	29.05.2014	26.06.2014	8.239	849.5	37.76
3	29.05.2014	26.06.2014	8.210	851.2	37.83

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Job No.: CECTC-JCP-SWD-2014-15

Date: 05.03.2014

TEST RESULTS OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : Executive Engineer, Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : Sri.J.C.Prakash, Contractor, Bangalore.
Name of Work : Construction of Bridge over storm water drain at 12th Main Road Muthyala Nagar in JP Park Ward No.17
Sample Identification : 10mm, 12mm, 16mm, 20mm, 25mm TMT Fe 415 Bars
Technical Reference : IS 1786:2008, IS 1608:2005, IS 1599:1985 (Reaffirmed 2006)
Date of test : 05.03.2014

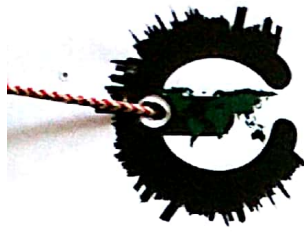
S.No	Brand	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH		
				0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	Elongation, percent on gauge length
1	Fe 415	10	0.620	495	521	16.0
2	Fe 415	12	0.888	520	542	19.0
3	Fe 415	16	1.56	536	559	20.0
4	Fe 415	20	2.450	552	581	22.0
5	Fe 415	25	3.860	569	610	23.0

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NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-JCP-SWD-2015-16

Date: 02.02.2015

TEST REPORT ON CONCRETE CUBES

Client : Assistant Executive Engineer, RR Nagara Division, BBMP, Bangalore.
Contractor : Sri. J.C.Prakash, Contractor, Bangalore.
Name of the work : Construction of Bridge over Storm Water Drain at 12th Main Road, Muthyala Nagara in JP Park Ward No.17, BBMP, Bangalore.
Sample ID : Reinforced Cement Concrete- Approach Slab
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₃₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	05.01.2015	02.02.2015	8.284	692.3	30.77
2	05.01.2015	02.02.2015	8.276	714.2	31.74
3	05.01.2015	02.02.2015	8.263	706.7	31.41

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